

ABSTRACT OF THE DISCLOSURE

When the temperature of an SPM (spindle motor), measured by a temperature sensor, falls outside a predetermined temperature range, a CPU in a disk drive sets, in a disk controller, information concerning the activation of the SPM, to enable a host system to acquire the information. The information includes a temperature control request used to cause the temperature of the SPM to fall within the predetermined temperature range, the present temperature of the SPM and a waiting time required for the SPM to become activatable as a result of temperature control by the host system. The present temperature of the SPM and the waiting time are required for the host system to report a non-functional state of the SPM to the user of the host system